

# Cumulative Index 1980

Note: Page numbers of article titles are in **boldface** type.

**ABSCESS, lung, in children, 1980:** Sept., 398

**Abstinence syndrome, neonatal, 1980:** Sept., 315-317

**Acid-base changes, in control of breathing, 1980:** Jan., 13-32

**Adolescents, cystic fibrosis in, 1980:** Sept., 407-420

**Adults, cystic fibrosis in, 1980:** Sept., 407-420

**Air spaces, terminal, stabilization at birth, 1980:** Sept., 297

**Airways obstruction, chronic, pulmonary function indices in, 1980:** Jan., 51-52  
upper, during sleep, 1980: Jan., 67-69

**Alcohol, maternal abuse of, neonatal pulmonary effects of, 1980:** Sept., 311-325

**Allergy, asthma and, 343**

**Alveolar hypoventilation, during sleep, 1980:** Jan., 62-66, 69  
primary, 1980: Jan., 119-124

**Amikacin, pediatric use of, 1980:** Sept., 389, 394

**Aminoglycosides, pediatric use of, 395**

**Amniotic fluid, measurement of pulmonary surfactant in, 1980:** Sept., 297-298

**Amniotic fluid foam test, 1980:** Sept., 298

**Amoxacillin, pediatric use of, 1980:** Sept., 388

**Ampicillin, pediatric use of, 1980:** Sept., 388

**Antibiotics, for pediatric respiratory disease, 1980:** Sept., 385-406

**Antigen(s), mycobacterial, 1980:** May, 192

**Antigen inhalation challenge, in asthmatics, 1980:** Sept., 350

**Antihistamines, for asthma, 1980:** Sept., 355

**Antituberculous drugs, activity of, 1980:** May, 233-238.  
See also specific drugs.  
side-effects of, 1980: May, 249

**Apgar score, 1980:** Sept., 301

**Apnea, during sleep, 1980:** Jan., 62-66, 108-112  
primary alveolar hypoventilation and, 1980: Jan., 120  
treatment of, 1980: Jan., 115  
periodic, sudden infant death and, 1980: Sept., 330-332  
prolonged, neonatal, 1980: Jan., 154

**Arabinogalactan, 1980:** May, 194

**Arabinomannan, 1980:** May, 194

**Arrhythmia, sudden infant death and, 1980:** Sept., 332

**Asphyxia, at birth, 1980:** Jan., 150

**Aspiration pneumonia, in children, 1980:** Sept., 402

**Asthma, continuing, 1980:** Sept., 339-360  
control of breathing in, 1980: Jan., 85-89  
nocturnal, 1980: Jan., 70

**Atelectasis, at birth, pathophysiology of, 1980:** Sept., 298

**Atypical mycobacteria, drug-resistance of, 1980:** May, 229  
infection with 1980: May, 184, 273-284

**Azlocillin, pediatric use, 1980:** Sept., 392

**BACILLUS Calmette-Guérin (BCG), vaccination, against tuberculosis, 1980:** May, 185-186, 270

**Bacterial pneumonia, neonatal, antibiotics for, 1980:** Sept., 398

**Barbiturates, maternal abuse of, neonatal pulmonary effects of, 1980:** Sept., 311-325

**Berylliosis, 1980:** Jan., 97

**Beta-adrenergic drugs, for asthma in children, 1980:** Sept., 354

**Birth, multiple, maternal drug-addiction and, 1980:** Sept., 315  
onset of breathing at, 1980: Jan., 151-152  
respiratory adjustments at, 1980: Sept., 297

**Birthweight, maternal drug addiction and 1980:** Sept., 312

**Blood gas(es), determination in neonates, 1980:** Sept., 292-295  
regulation of, peripheral chemoreceptors and, 1980: Jan., 18-21

**Body weight, excessive, cardiorespiratory effects of, 1980:** Jan., 103-118

**Bone, tuberculosis of, 1980:** May, 224

**Bovine tuberculosis, transmission of, 1980:** May, 169

**Brain carbon dioxide buffering capacity, 1980:** Jan., 17

**Brainstem, chemoreceptors of, acid-base reactions and, 1980:** Jan., 14-16, 19-20  
respiratory units of, 1980: Jan., 3-4

**Breath, shortness of, 1980:** Jan., 47-55

**Breath-holding, sensation of, 1980:** Jan., 47-48

**Breathing, control of, chemical, 1980:** Jan., 13-32  
during sleep, 1980: Jan., 59  
in obesity, 1980: Jan., 107-112  
neural, 1980: Jan., 3-12

**effects of obesity on, 1980:** Jan., 104-112

**fetal and neonatal, 1980:** Jan., 145-159

**regulation of, parenchymal tissue reactions and, 1980:** Jan., 95

**Breathlessness, in diffuse interstitial lung disease, 1980:** Jan., 92  
psychophysiology of, 1980: Jan., 49

**Bronchial asthma, continuing, 1980:** Sept., 339-360  
control of breathing in, 1980: Jan., 85-89  
nocturnal, 1980: Jan., 70

**Bronchial hyperreactivity, assessing, 1980:** Sept., 349

Bronchiectasis, 1980: May, 210

Bronchiolitis, asthma and, 1980: Sept., 343

Bronchitis, respiratory control in, 1980: Jan., 78

Bronchopneumonia, in children, 1980: Sept., 397

Bronchopulmonary dysplasia, after neonatal respiratory distress syndrome 1980: Sept., 306-308

Buffering, shared, 1980: Jan., 26

**CAPREOMYCIN**, 1980: May, 246

Carbenicillin, pediatric use, 1980: Sept., 387, 388

Carbon dioxide, arterial, in neonates, CPAP and, 1980: Sept., 292

  inhalation, ventilatory response in COPD, 1980: Jan., 75-77

  rebreathing, neonatal ventilatory response, 1980: Jan., 153

  regulation, 1980: Jan., 18-21

    in COPD, 1980: Jan., 73-75

    during exercise, 1980: Jan., 81

  response to, emotional state and, 1980: Jan., 140

  retention of, 1980: Jan., 35-36

  stimulation, in assessing respiratory control, 1980: Jan., 36

Carbon dioxide response curves, 1980: Jan., 19-20

  in chronic obstructive lung disease, 1980: Jan., 77

Carbon dioxide tension, arterial, in neonates, 1980: Sept., 294

Carbonic anhydrase, pulmonary, 1980: Jan., 23

Carcinoma, atypical mycobacterial infections and, 1980: May, 276

Cardiac arrhythmias, sudden infant death and, 1980: Sept., 332

Cardiopulmonary resuscitation, in neonatal respiratory distress syndrome, 1980: Sept., 301-303

Cardiorespiratory failure, during sleep, 1980: Jan., 62-63

Case-finding, in tuberculosis, 1980: May, 258-261

  in developing countries, 1980: May, 266-267

Cattle, tuberculosis in, 1980: May, 169

Cefaclor, pediatric use of, 1980: Sept., 389, 393

Cefadroxil, pediatric use of, 1980: Sept., 393

Cefazolin, pediatric use of, 1980: Sept., 389, 393

Cellular immunity, in tuberculosis, 1980: May, 170, 196

Central nervous system, tuberculosis of, 1980: May, 173

Central venous pressure, in neonates, 1980: Sept., 291

Cephalexin, 1980: Sept., 389, 393

Cephaloridine, pediatric use of, 1980: Sept., 393

Cephalosporins, pediatric use of, 1980: Sept., 392

Cephalothin, pediatric use of, 1980: Sept., 392

Cephamandole, pediatric use of, 1980: Sept., 389, 393

Cephadrine, pediatric use of, 1980: Sept., 389, 393

Cerebrospinal fluid, in shared buffering, 1980: Jan., 17

Chemoprophylaxis, of tuberculosis, 1980: May, 169, 170, 185, 203-208, 270

Chemoreceptors, medullary, acid-base reactions and, 1980: Jan., 14-16, 19-20

Chemotherapy, for tuberculosis, short-course, 1980: May, 231-241, 243-252

Chest wall block, in study of respiratory sensation, 1980: Jan., 49

Children, chronic disease in, malnutrition with, 1980: Sept., 375-384

  continuing asthma in, 1980: Sept., 339-360

  respiratory disease in, antibiotics for, 1980: Sept., 385-406

  respiratory distress syndrome in, 1980: Sept., 297-309

Chlamydia trachomatis pneumonia, 1980: Sept., 398

Chloramphenicol, 1980: Sept., 390, 395

Clindamycin, 1980: Sept., 391, 396

Cloxacillin, pediatric use of, 1980: Sept., 388

Coastering, 1980: Jan., 137

Cohort analysis, of tuberculosis mortality, 1980: May, 176-177

Colistin sulfate, pediatric use of, 1980: Sept., 389

Compliance, with antituberculosis therapy, 1980: May, 250, 253-256

  in developing countries, 1980: May, 267-270

Congestion, pulmonary, acute, ventilatory response to, 1980: Jan., 98-99

Congestive heart failure, in primary alveolar hypoventilation, 1980: Jan., 120

Containment, of tuberculosis, 1980: May, 257-258

Continuous positive airway pressure (CPAP) in neonates, 1980: Sept., 291, 303

Corticosteroids, in miliary tuberculosis, 1980: May, 222

Cough, in tuberculosis, 1980: May, 168

Crib death, 1980: Jan., 156

Cyanosis, in neonates, 1980: Sept., 290

Cycloserine, 1980: May, 246

Cystic fibrosis, antibiotic therapy in, 1980: Sept., 400-402

  diagnosis and treatment, 1980: Sept., 407-420

  research directions, 1980: Sept., 423-427

**DIAPHRAGM**, eventration of, 1980: Jan., 127-128

  function, assessing, 1980: Jan., 35

  in hypoventilation syndromes, 1980: Jan., 122

  motor disturbances of, 1980: Jan., 125-129

  paralysis of, 1980: Jan., 125-127

Disseminated tuberculosis, 1980: May, 176, 194

  chemotherapy of, 1980: May, 250

Donnan r 1980: Jan., 17, 27

Doxycycline, 1980: Sept., 395

Droplet nucleus, in transmission of tuberculosis, 1980: May, 167-169

Drug(s), abuse, maternal, pulmonary problems of infant with, 1980: Sept., 311-325

  antituberculous, activity of, 1980: May, 233-238

  side effects of, 1980: May, 249

Drug-resistance, in tuberculosis, 1980: May, 227-230

Dyphylline, 1980: Sept., 354

Dyspnea, 1980: Jan., 47-55

  genesis of, 1980: Jan., 50-52

  psychophysiologic aspects of, 1980: Jan., 135-136

**EAR oximetry**, 1980: Jan., 61

Electromyography, in assessing respiratory control, 1980: Jan., 41-42

Embolism, pulmonary, ventilatory responses to, 1980: Jan., 99-100

Emphysema, respiratory control in, 1980: Jan., 78

Empyema, in children, 1980: Sept., 397

Encephalitis lethargica, hypoventilation syndrome with, 1980: Jan., 122

Enzymes, pulmonary, in tuberculosis, 1980: May, 171

Ephedrine, for asthma in children, 1980: Sept., 354

Epidemiology, of tuberculosis, 1980: May, 175-187

Epiglottitis, 1980: Sept., 396

Erythromycin, pediatric use of, 1980: Sept., 395

Esophageal pressure determination, in neonate, 1980: Sept., 294

Ethambutol, 1980: May, 233, 240, 246-248

Ethionamide, 1980: May, 246

Eventration, diaphragmatic, 1980: Jan., 127-128  
 Exercise, carbon dioxide regulation during, 1980: Jan., 81  
 challenge testing, in asthmatics, 1980: Sept., 314  
 hyperpnea of, 1980: Jan., 23-24  
 Extrapulmonary tuberculosis, 1980: May, 173, 182, 219-225  
 chemotherapy of, 1980: May, 250

FEEDING, decreased oxygen tension and bradycardia with, 1980: Sept., 294  
 Fetal breathing, 1980: Jan., 145-159  
 Fenoterol, for asthma in children, 1980: Sept., 355  
 Flutter, diaphragmatic, 1980: Jan., 128  
 Frog breathing, 1980: Jan., 150

GASTROINTESTINAL reaction, to isoniazid, 1980: May, 205  
 Genitourinary tuberculosis, 1980: May, 173, 183  
 Gentamycin, pediatric use, 1980: Sept., 392, 394  
 Glycoproteins, in cystic fibrosis, 1980: Sept., 424  
 Grunt, respiratory, 1980: Sept., 289

HEAD's paradoxical reflex, 1980: Jan., 150  
 Heart, arrhythmias, sudden infant death and, 1980: Sept., 332  
 Heart failure, congestive, in primary alveolar hypoventilation, 1980: Jan., 120  
 Hemosiderosis, pulmonary, with juvenile rheumatoid arthritis, 1980: Sept., 373  
 Hering-Breuer reflex, 1980: Jan., 87  
 in infants, 1980: Jan., 153  
 Heroin addiction, pregnancy and, 1980: Sept., 313  
 Hiccup, 1980: Jan., 128  
 Hoover's sign, 1980: Jan., 35, 125  
 Hypercapnia, in chronic obstructive lung diseases, 1980: Jan., 73  
 Hyperoxia, 1980: Jan., 15-16  
 Hyperpnea, cardiogenic, 1980: Jan., 24  
 of exercise, 1980: Jan., 23-24  
 Hypersensitivity, delayed, in tuberculosis, 1980: May, 170, 196  
 Hypersensitivity pneumonitis, 1980: Jan., 97  
 Hypersomnia, 1980: Jan., 62  
 Hypertension, pulmonary, in primary alveolar hypoventilation, 1980: Jan., 120  
 with severe obesity, 1980: Jan., 112, 114  
 Hyperventilation, alveolar, in asthma, 1980: Jan., 85  
 Hypogammaglobulinemia, in children, 1980: Sept., 402  
 Hypoglycemia, with neonatal respiratory distress syndrome, 1980: Sept., 302  
 Hypoventilation, alveolar, during sleep, 1980: Jan., 62-66, 69  
 primary, 1980: Jan., 119-124  
 evaluation of, 1980: Jan., 34-35  
 Hypoventilation syndrome, with obesity, 1980: Jan., 105, 107-112  
 progesterone for, 1980: Jan., 115  
 Hypoxia, ventilatory response to, 1980: Jan., 15, 19  
 neonatal, 1980: Jan., 153

IMMUNITY, cellular, in tuberculosis, 1980: May, 170, 196

Immunocompromised host, pneumonia in children and, 1980: Sept., 402  
 Immunology, of tuberculosis, 1980: May, 189-201  
 Immunoregulation, in tuberculosis, 1980: May, 196-198  
 Immunotherapy, of asthma, 1980: Sept., 355  
 Infant(s), control of breathing in, 1980: Jan., 145-159  
 mortality, maternal drug-addiction and, 1980: Sept., 321  
 of drug-abusing mother, 1980: Sept., 311-325  
 premature, apnea in, 1980: Jan., 154-156  
 pulmonary function assessment in, 1980: Sept., 287-296  
 respiratory distress syndrome in, 1980: Sept., 297-309  
 sudden death in, 1980: Jan., 156; Sept., 327-337  
 Infection, antibiotic prophylaxis in, 1980: Sept., 403  
 respiratory tract, antibiotics for, 1980: Sept., 396-403  
 Infectivity, of tuberculosis patients, 1980: May, 168, 169  
 Inspiration, inhibitory reflex, 1980: Jan., 87  
 in infants, 1980: Jan., 153  
 neural control of, 1980: Jan., 5  
 Interstitial lung diseases, diffuse, respiratory control in, 1980: Jan., 91-102  
 Isoniazid, activity of, 1980: May, 233-240, 244  
 prophylaxis, 1980: May, 185, 203-207  
 resistance to, 1980: May, 228  
 retreatment regimen for, 1980: May, 248

JOINTS, tuberculosis of, 1980: May, 224  
 Juvenile rheumatoid arthritis, pulmonary manifestations of, 1980: Sept., 361-374

KELOID formation, with BCG vaccination, 1980: May, 186  
 Kidney, tuberculosis, 1980: May, 223-224

LECTHIN-sphingomyelin ratio, 1980: Sept., 298  
 fetal organ maturity and, 1980: Sept., 314  
 Left-to-right shunting, after neonatal respiratory distress syndrome, 1980: Sept., 307  
 Legionnaires' disease, in children, 1980: Sept., 399  
 Liver, in cystic fibrosis, 1980: Sept., 408  
 reaction to antituberculous drugs, 1980: May, 206, 249  
 Lung(s), abscess, in children, 1980: Sept., 398  
 chemoreceptors, 1980: Jan., 22  
 compliance, in diffuse interstitial disease, 1980: Jan., 92  
 congestion, ventilatory response to, 1980: Jan., 98-99  
 diseases, chronic obstructive, respiratory control in, 1980: Jan., 73-84  
 diffuse interstitial, respiratory control in, 1980: Jan., 91-102  
 from atypical mycobacteria, 1980: May, 275-280  
 dysfunction, in neonates, assessment of, 1980: Sept., 289-296  
 enzymes, in tuberculosis, 1980: May, 171  
 fetal maturation, assessment of, 1980: Sept., 298  
 maternal drug addiction and, 1980: Sept., 318  
 hyperinflation, chronic, 1980: Sept., 347  
 receptors, in asthma, 1980: Jan., 87-88  
 tuberculous lesions, microbial populations in, 1980: May, 232  
 Lymph node biopsy, in *M. kansasii* infection, 1980: May, 195  
 Lymphadenitis, mycobacterial, 1980: May, 280  
 tuberculous, 1980: May, 183, 197, 220

MAIS COMPLEX, pulmonary disease from, 1980: May, 275-280

Malnutrition, in chronic disease of childhood, 1980: Sept., 375-383

Maternal drug abuse, pulmonary problems of infant and, 1980: Sept., 311-325

Medroxyprogesterone, for obesity hypoventilation syndrome, 1980: Jan., 115

Medullary centers, for control of respiration, 1980: Jan., 5-7

Meningitis, tuberculous, 1980: May, 176, 222-223

Metabolic acidosis, in neonatal respiratory distress, 1980: Sept., 302

Metaproterenol, for asthma in children 1980: Sept., 355

Methacycline, 1980: Sept., 395

Methadone, pregnancy and, neonatal effects of, 1980: Sept., 315

Miliary tuberculosis, 1980: May, 172, 176, 194, 196, 220-222  
roentgen signs, 1980: May, 211-214

Minocycline, 1980: Sept., 395

Minute ventilation, 1980: Jan., 38

Mitral stenosis, pulmonary congestion of, 1980: Jan., 99

Mortality, of tuberculosis, 1980: May, 175-177

Mycobacteria, atypical, 1980: May, 184, 273-284  
drug-resistance of, 1980: May, 229

Mycobacterial antigens, 1980: May, 192

Mycobacterium chelonei infection, 1980: May, 281

Mycobacterium fortuitum infection, 1980: May, 281

Mycobacterium kansasii infection, 1980: May, 195, 275-278

Mycobacterium tuberculosis, drug-resistance of, 1980: May, 227-230

NARCOTICS, maternal abuse of, neonatal pulmonary problems and, 1980: Sept., 311-325

Neonatal abstinence syndrome, 1980: Sept., 315-317

Neonate, bacterial pneumonia in, 1980: Sept., 398  
control of breathing in, 1980: Jan., 145-159  
pulmonary function assessment in, 1980: Sept., 289-296  
respiratory distress syndrome in, 1980: Sept., 297-309

Nervous system, central, tuberculosis of, 1980: May, 173

Neurologic diseases, respiratory sensation in, 1980: Jan., 49

Neuropathy, isoniazid-induced, 1980: May, 205

Nutrition, in chronic disease of childhood, 1980: Sept., 375-384

OBESITY, cardiorespiratory effects of, 1980: Jan., 103-118  
hypoventilation syndrome of, 1980: Jan., 105, 107-112  
progesterone for, 1980: Jan., 115  
severe, cardiovascular effects of, 1980: Jan., 112-114

Obstructive lung diseases, chronic, carbon dioxide responsiveness in, 1980: Jan., 75-77  
psychophysiologic aspects of, 1980: Jan., 136-141  
respiratory control in, 1980: Jan., 73-84

Occlusion pressure, in assessing respiratory control, 1980: Jan., 40-41

Ondine's curse, 1980: Jan., 7, 63, 121

Oximetry, umbilical arterial, 1980: Sept., 303

Oxygen, breathing, chemical effects of, 1980: Jan., 15-16

Oxygen tension, arterial, in neonates, 1980: Sept., 292

Oxygen therapy, in neonate, retrosternal fibroplasia with, 1980: Sept., 307

PANCREAS, in cystic fibrosis, 1980: Sept., 408

Para-aminosalicylic acid, 1980: May, 246

Parkinson's disease, hypoventilation syndrome with, 1980: Jan., 122

Penicillin(s), in pediatric respiratory disease, 1980: Sept., 386

Periodic breathing, in infants, 1980: Jan., 152

Peritonitis, tuberculous, 1980: May, 173

Pharyngitis, streptococcal, 1980: Sept., 396

Pickwickian syndrome, 1980: Jan., 62

Piperacillin, pediatric use of, 1980: Sept., 392

Pleural effusion, tuberculous, 1980: May, 210, 211

Pleuropulmonary disease, with juvenile rheumatoid arthritis, 1980: Sept., 361-374

Pneumonia, and regulation of breathing, 1980: Jan., 97  
in children, antibiotic therapy for, 1980: Sept., 396, 398, 403  
tuberculous, 1980: May, 172

Pneumonitis, hypersensitivity, 1980: Jan., 97

Pneumotoxic center, 1980: Jan., 5

Pregnancy, drug-abuse during, neonatal pulmonary problems and, 1980: Sept., 311-325

Prematurity, apnea of, 1980: Jan., 154-156

Prevention, of tuberculosis, 1980: May, 169-170  
in developing countries, 1980: May, 270

Primary alveolar hypoventilation, 1980: Jan., 119-124

Progesterone, for obesity hypoventilation syndrome, 1980: Jan., 115

Prophylaxis, against tuberculosis, 1980: May, 185, 203-208

Prostaglandins, effects on lung receptors, 1980: Jan., 97

Protein-calorie malnutrition, in chronic disease of childhood, 1980: Sept., 375

Pseudomonas aeruginosa infection, in cystic fibrosis patient, 1980: Sept., 400-402

Psychoactive drugs, maternal abuse of, neonatal pulmonary problems and, 1980: Sept., 311-325

Psychological factors, in respiratory control, 1980: Jan., 131-143

Pulmonary artery catheters, in neonatal monitoring, 1980: Sept., 295

Pulmonary blood flow, effect on ventilation, 1980: Jan., 98

Pulmonary disease, due to atypical mycobacteria, 1980: May, 275-280  
obstructive. See *Obstructive lung diseases*, and specific disorders.

Pulmonary embolism, ventilatory responses to, 1980: Jan., 99-100

Pulmonary function, assessment, in neonate, 1980: Sept., 289-296

Pulmonary gas exchange, in obesity, 1980: Jan., 107

Pulmonary hemosiderosis, with juvenile rheumatoid arthritis, 1980: Sept., 373

Pulmonary hypertension, in primary alveolar hypoventilation, 1980: Jan., 120

Pulmonary stretch receptors, 1980: Jan., 87

Pulmonary surfactant, 1980: Sept., 297-298

Pulmonary vascular congestion, ventilatory responses to, 1980: Jan., 98-99

Pulmonary vascular disease, respiratory control in, 1980: Jan., 98-100

Purified protein derivative (PPD), 1980: May, 189-192, 198  
nonreactivity to, 1980: May, 194, 197

Pyrazinamide, activity of, 1980: May, 233, 236-238, 244

**RASH, from isoniazid, 1980:** May, 205

Recrudescence, of tuberculosis, 1980: May, 172, 181

Renal tuberculosis, 1980: May, 223-224

Resistance, to tuberculosis, factors in, 1980: May, 171

Respiration, disturbances of, during sleep, 1980: Jan., 57-71

  patterns of, 1980: Jan., 8-11

  rate, in neonate, 1980: Sept., 290

  regulation of, assessing, 1980: Jan., 33-35

    chemical, 1980: Jan., 13-32

    during sleep, 1980: Jan., 59

    in chronic obstructive lung diseases, 1980: Jan., 73-84

  in obesity, 1980: Jan., 107-112

  neural, 1980: Jan., 3-12

    assessing 1980: Jan., 41-42

  psychophysiologic aspects of, 1980: Jan., 131-143

severe obesity and, 1980: Jan., 104-112

Respiratory acidosis, 1980: Jan., 14-15

Respiratory alkalosis, 1980: Jan., 14-15

Respiratory disease, in children, antibiotic therapy in, 1980: Sept., 385-406

Respiratory distress, neonatal, maternal drug-addiction and, 1980: Sept., 317-319

  physical signs of, 1980: Sept., 289-290

Respiratory distress syndrome, in children, 1980: Sept., 297-309

Respiratory drive, in asthma, 1980: Jan., 86-87

Respiratory failure, acute, in neonate, 1980: Sept., 303-304

Respiratory infection, with cystic fibrosis, 1980: Sept., 416

Respiratory mechanics, clinical assessment of, 1980: Jan., 35

  in chronic obstructive pulmonary diseases, 1980: Jan., 75-77

obesity and, 1980: Jan., 104-105

Respiratory motor neurons, medullary, 1980: Jan., 5-6

  spinal, 1980: Jan., 7-8

Respiratory muscles, 1980: Jan., 125

  function in obese subjects, 1980: Jan., 105-107

  pressure, assessing, 1980: Jan., 39-41

  strength, assessing, 1980: Jan., 35

Respiratory reflexes, in infant, 1980: Jan., 153-154

Respiratory rhythm, in obstructive pulmonary diseases, 1980: Jan., 80

Respiratory sensation, 1980: Jan., 47-49

Respiratory syncytial virus infection, 1980: Sept., 346

Respiratory therapy, complications of, in infants, 1980: Sept., 305

Respiratory tract infection, pediatric, antibiotic therapy for, 1980: Sept., 396-403

Retractions, in neonate, 1980: Sept., 290

Retrolental fibroplasia, complication of neonatal oxygen therapy, 1980: Sept., 307

Rheumatoid arthritis, juvenile, pulmonary manifestations of, 1980: Sept., 361-374

Rifampin, activity of, 1980: May, 233-240, 244

Roentgen findings, in tuberculosis, 1980: May, 211-217

**SARCOIDOSIS, 1980:** Jan., 92, 97

Serousitis, tuberculous, 1980: May, 197

Shared buffering, 1980: Jan., 26

Sisomicin, pediatric use of, 1980: Sept., 394

Skeletal tuberculosis, 1980: May, 224

Skin test, tuberculin, 1980: May, 184, 189-194, 198

  nonreactivity to, 1980: May, 194, 197

Sleep, airways obstruction during, 1980: Jan., 67-69

  apneic episodes during, sudden infant death and, 1980: Sept., 330-332

  respiratory disturbances during, 1980: Jan., 57-71

  ventilatory abnormalities during, 1980: Jan., 62-69

Sleep apnea, 1980: Jan., 62-66, 108-112

  primary alveolar hypoventilation and, 1980: Jan., 120

  treatment of, 1980: Jan., 115

Spinal cord, respiratory motor neurons of, 1980: Jan., 7-8

Sputum, smear and culture, in tuberculosis, 1980: May, 216

Stiff lung syndrome, 1980: May, 221

Streptomycin, as antituberculous drug, 1980: May, 233, 239, 244

Sucking reflex, maternal drug addiction and, 1980: Sept., 316

Sudden infant death syndrome, 1980: Jan., 156; Sept., 326-337

Sulfamethoxazole, pediatric use of, 1980: Sept., 396

Surfactant, pulmonary, 1980: Sept., 297

Surveillance, in tuberculosis control, 1980: May, 258

  261

**TERBUTALINE, for in asthma in children, 1980:** Sept., 355

Tetracyclines, 1980: Sept., 395

Theophylline, for asthma in children, 1980: Sept., 352-354

Thiacetazone, 1980: May, 240

Ticarcillin, pediatric use, 1980: Sept., 392

Tobramycin, 1980: Sept., 394

Tonsillitis, 1980: Sept., 396

Tracheal breath sounds, during sleep, 1980: Jan., 59

Tracheal injury, with neonatal endotracheal intubation, 1980: Sept., 306

Transcutaneous  $\text{PO}_2$  electrode monitoring, 1980: Sept., 293

Trimethoprim, pediatric use of, 1980: Sept., 396

Tubercle bacillus, characteristics of, 1980: May, 231-232

  hematogenous spread of, 1980: May, 172

Tuberculin skin test, 1980: May, 184, 189-194, 198

  nonreactivity to, 1980: May, 194, 197

Tuberculosis, chemoprophylaxis against, 1980: May, 203-208

  chemotherapy for, short-course, 1980: May, 231-241, 243-252

  clinical symptoms and signs, 1980: May, 210-211

  containment of, 1980: May, 257-258

  diagnosis of, 1980: May, 209-217

  disseminated, 1980: May, 176, 194, 250

  drug-resistance in, 1980: May, 227-230

  epidemiology of, 1980: May, 175-187

  extrapulmonary, 1980: May, 173, 182, 219-225

  immunology of, 1980: May, 189-201

  in developing countries, 1980: May, 265-271

  isoniazid prophylaxis, 1980: May, 185, 203-207

  microbial populations in, 1980: May, 231-232

  miliary, 1980: May, 172, 176, 194, 196, 220-222

  mortality and morbidity, 1980: May, 175-185

  pathogenesis of, 1980: May, 167-174

  pathology of, 1980: May, 172-173

  prevention of, 1980: May, 169-170

  public health aspects, 1980: May, 253-263

Tuberculosis (*Continued*)

recrudescence of, 1980: May, 172, 181  
resistance to, factors in, 1980: May, 171  
roentgen findings in, 1980: May, 211-217  
sputum examination in, 1980: May, 216  
transmission of, 1980: May, 167-174

Tuberculous lymphadenitis, 1980: May, 220

Tuberculous meningitis, 1980: May, 176

## UMBILICAL arterial oximetry, 1980: Sept., 303

## VACCINATION, BCG, for tuberculosis, 1980: May, 185-186

## Vagal nerve block, in study of respiration, 1980: Jan., 48

## Vascular disease, pulmonary, respiratory control in,

1980: Jan., 98-100

## Venous blood gases, in neonates, 1980: Sept., 294

## Ventilation, abnormalities, during sleep, 1980: Jan., 62-69

in infants, 1980: Sept., 330-332

assisted, in infants, 1980: Sept., 303-304

exercise and, 1980: Jan., 23-24  
minute, 1980: Jan., 38

## Ventilatory drift, 1980: Jan., 25

## Ventilatory drive, vascular effects on, 1980: Jan., 98

## Viral infection, respiratory, asthma and, 1980: Sept., 344-346

## WITHDRAWAL syndrome, neonatal, 1980: Sept., 316

